

**DRINKING WATER WARNING**  
**INFANTS YOUNGER THAN 6 MONTHS- DO NOT DRINK THE WATER**  
**NO BEBA EL AGUA**

**ESTE INFORME CONTIENE INFORMACIÓN IMPORTANTE ACERCA DE SU AGUA POTABLE.  
HAGA QUE ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.**

**Christian Springs water system has manganese levels above the health advisory.**

The U.S. Environmental Protection Agency (EPA) regulates contaminants in drinking water for which they implement maximum contaminant levels for some and health advisories for others. Health advisories are estimates of acceptable drinking water levels for a chemical substance based on health effects information. Federal agencies do not legally enforce health advisories, but rather use them as technical guidance to assist federal, state and local officials.

Manganese has a lifetime health advisory level (HAL) of 0.3 mg/L for an adult. It is recommended that infants younger than 6 months of age not drink water containing levels that exceed 0.3 mg/L for an acute exposure of 10 days, however, because of concerns including: 1) differences in manganese content in human milk, formula and the possibility of a higher absorption and, 2) lower excretion in young infants.

Sample results received on Sept. 23, 2019 showed a manganese level at 0.46 mg/L.

**What should I do for infants under 6 months of age?**

Infants under 6 months of age, do not drink water. Use bottled water or alternative sources for drinking, cooking, or food preparation until further notice. Throw away ice cubes if made with tap water.

Do not boil the water. Boiling, freezing, filtering, or letting water stand does not reduce the manganese level. Excessive boiling can make the manganese more concentrated, because manganese remains behind when the water evaporates.

**What is being done?**

We have already begun the process to install treatment to reduce manganese levels, which is expected to be online shortly pending Pennsylvania Department of Environmental Protection approval. You will be notified once treatment is online and levels are below the HAL.

**What does this mean?**

Manganese is a naturally occurring element that can be commonly found in the air, soil, and water. Manganese is an essential nutrient for humans and animals. Adverse health effects can be caused by inadequate intake or over exposure. Although manganese is an essential nutrient at low doses, chronic exposure to high doses might be harmful. There is substantial data supporting the neurological effects of inhaled manganese in both humans and animals, however, there is little data for the association between oral exposure to manganese and toxic effects. [EPA Drinking Water Health Advisory for Manganese, January 2004.] If you have specific health concerns, you might wish to consult your doctor.

**Please share this information with other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.**

This notice is being sent to you by Aqua Pennsylvania, Inc.

For more information, please contact:

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<b>Phone Number</b> 877.987.2782	<b>System PWSID#</b> PA3480030	<b>Address (City, State, Zip)</b> White Haven, PA 18661

PWSID#: PA3480030

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